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Workshop Rural District Council

ANNUAL REPORT

for

1953

by

M. B. McCANN

L.R.C.P., L.R.C.S., L.M., D.P.H.

Medical Officer of Health



Borough of Worksop

*With the Compliments of the
Medical Officer of Health*

*Health Department,
Park House,
Worksop.*

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Worksop Rural District Council.

Chairman :

MRS. M. K. THOMAS.

Vice-Chairman :

MR. R. S. DADLEY.

MR. J. SMITH	MR. G. CAWTHORNE
MR. W. H. BECKETT	MRS. B. HARRISON
MR. C. W. COLLINGHAM	MR. N. HAWKINS
MR. F. B. BOWER	MR. J. C. ROBERTSON
MR. F. K. GODBER	MR. G. N. THORPE
MAJOR D. W. TURNER, J.P.	MR. W. PALETHORPE
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MR. T. STEVENSON	MRS. A. E. THOMAS
MR. T. McCANN	MR. A. BOOTH
MR. G. H. ROBINSON	

Medical Officer of Health :

M. B. McCANN, L.R.C.P., L.R.C.S., L.M., D.P.H.

Surveyor and Chief Sanitary Inspector :

C. J. PHILLIPS, M.R.S.I., C.R.San.Inst., M.S.I.A.

Additional Sanitary Inspectors :

C. TURBERFIELD, Cert.R.S.I., M.S.I.A.

E. J. E. GARBETT, A.R.S.I., C.R.San.Inst.

Clerk of the Council : Chief Financial Officer & Valuation Officer :

C. I. INGHAM, A.R.V.A.

PUBLIC HEALTH DEPARTMENT,
HIGHFIELD HOUSE,
CARLTON ROAD,
WORKSOP.

July, 1953.

TO THE CHAIRMAN AND MEMBERS OF THE WORKSOP RURAL DISTRICT
COUNCIL.

SIR, LADIES AND GENTLEMEN,

I have the honour to submit for your consideration the annual health report for 1953, together with the Vital Statistics relative to that period.

The population figure of 17,220 represents a decrease of 160 over the corresponding figure for last year.

The Birth Rate is 15.3 per thousand of the population. The figure for England and Wales is 15.5.

The Death Rate at 9.0 per thousand of the population is below that for England and Wales (11.4).

The Infant Mortality Rate at 34.0 per thousand live births is above that for England and Wales (26.8).

The report includes information on the Health Services provided in the area by the Nottinghamshire County Council and for this information I am indebted to the County Medical Officer.

I am,

Your obedient Servant,

M. B. McCANN,

Medical Officer of Health.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area in acres	.....	.....	.....	.....	17,548
Population (estimated) mid year	.....	.....	.....	.....	17,220
No. of inhabited houses at 31st March, 1954	.....	.....	.....	.....	4,652
Rateable value at 1st April, 1954	.....	.....	.....	.....	£89,639
Penny Rate Product at 1st April, 1954	.....	.....	.....	.....	£339

VITAL STATISTICS.

Live Births.

	M.	F.	Total
Legitimate	124	132	256
Illegitimate	3	5	8
Birth rate per 1,000 of population	.....	.....	15.3
Birth rate per 1,000 of population England and Wales	.....	.....	15.5

Still Births.

	M.	F.	Total
Legitimate	5	6	11
Illegitimate	0	0	Nil
Rate per 1,000 (live and still) births	.....	.....	40.0
Rate per 1,000 estimated population	.....	.....	0.63
Rate per 1,000 population England and Wales	.....	.....	0.35

Maternal Mortality.

Deaths from Puerperal Causes	.....	.....	.....	1
Other Maternal Causes	.....	.....	.....	Nil

Infantile Mortality.

	M.	F.	Total
Deaths of Legitimate infants under 1 year	7	2	9
Death of Illegitimate infants under 1 year	0	0	Nil
Death rate of legitimate infants per 1,000 legitimate live births.....	.....	.....	35.1
Death rate of illegitimate infants per 1,000 illegitimate live births.....	.....	.....	Nil
Death rate of all infants per 1,000 live births	.....	.....	34.1
Infant mortality rate for England and Wales per 1,000 live births.....	.....	.....	26.8

Deaths.

	M.	F.	Total
	89	65	154
Death rate per 1,000 estimated population	.....	.....	9.0
Death rate per 1,000 population England and Wales	.....	.....	11.4

All the above rates are calculated on the estimated population given by the Registrar General.

Mortality.

The causes of death were :—

Respiratory Tuberculosis	.....	.....	.....	4
Tuberculosis (other Forms)	.....	.....	.....	1
Cancer (all forms)	.....	.....	.....	27
Leukamia	.....	.....	.....	1
Vascular diseases of the Nervous System				25
Heart Disease	.....	.....	.....	34
Other Circularity diseases	.....	.....	.....	8
Pneumonia	.....	.....	.....	8
Bronchitis	.....	.....	.....	14
Kidney Disease	.....	.....	.....	2
Other Defined and Ill-defined diseases			.....	11
Motor Vehicle Accidents	.....	.....	.....	3
All other Accidents	.....	.....	.....	5
Suicide	.....	.....	.....	2
Syphilitic Disease	.....	.....	.....	2
Hyperplasia of Prostate	.....	.....	.....	1
Diabetes	.....	.....	.....	1
Gastritis, enteritis and diarrhoea	4
Concealed Haemorrhage and Toxaemia of Pregnancy	1

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PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

Measles.

During the year 116 cases of measles were notified. There was no unusual preponderance of cases in any particular district. That is to say, the incidence was uniform.

Scarlet Fever.

Eleven cases of scarlet fever were notified and the disease continues to be mild in type.

Whooping Cough.

Fifty-five cases of whooping cough were notified during the year.

A considerable amount of evidence has now accumulated to indicate that inoculation against this disease is effective. No doubt the Ministry of Health will soon authorise its use by Local Health Authorities.

Food Poisoning, Enteric Fever.

No cases of these diseases were notified during the year.

Tuberculosis.

Sixteen new cases of pulmonary tuberculosis and two new cases of non-pulmonary tuberculosis were notified during the year. This represented an increase of two over the figure for 1952. There were 5 deaths against 3 in 1952.

The period elapsing between date of notification and admission to a sanatorium has greatly decreased.

The Housing Committee has provided^{ided} alternate housing accommodation for those families, one of whose members was known to be suffering from "open" tuberculosis, and a separate bedroom provided.

Arrangements on a limited scale (owing to staffing difficulties) have been set up by the County Council for the B.C.G. inoculation of child contacts of tuberculosis patients, and where it is possible to remove the child to relatives while it is acquiring protection.

Poliomyelitis.

No cases of poliomyelitis were notified during the year.

Patients should realise that the risks of acquiring poliomyelitis are less than those involved in crossing the street.

In the period under review there were three deaths from motor vehicle accidents.

Cerebro Spinal Fever.

There were no cases of cerebro spinal fever notified during the year.

Diphtheria.

There were no cases of diphtheria during the year.

Infant Mortality.

There were nine deaths under one year giving an infant mortality rate of 34.1.

TABLE I.
Comparative Infant Mortality Rates.

Year	Worksop Rural District	England & Wales
1948	48.04	34
1949	40.26	32
1950	16.94	29.8
1951	31.9	29.6
1952	31.1	27.6
1953	34.1	26.8

The causes of death are analysed on page 9. It will be seen that 3 of the 9 deaths were due to prematurity and 2 to heart failure.

TABLE II.
CAUSES OF DEATH—INFANTS UNDER 1 YEAR.

CAUSES OF DEATH	AGE																			Total	
	DAYS									MONTHS											
	Under 1	1	1	3	4	5	6	7-13	14-20	21-28	1	2	3	4	5	6	7	8	9		0 11
Partial obstruction of the small bowel	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Prematurity	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Broncho-pneumonia	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	2
Heart Failure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	2
Fibrocystic Disease of Pancreas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
TOTAL	1	1	1	-	-	-	-	-	-	-	-	1	1	-	1	1	-	1	1	-	9

HOME HELP SERVICE.

The demand for Home Help in the Worksop Rural District increases as the amenities of the service become more widely known.

Home Helps are available for households where domestic help is needed owing to the presence of anyone who is sick, lying-in, an expectant mother, mentally defective, aged, or a child not over compulsory school age.

The work undertaken by these women does not include nursing or midwifery duties and they are not used as "sitters-in," but they do the ordinary domestic work usually undertaken by the mother of a family, which may include cleaning, cooking, washing, care of children, mending and shopping.

The charge for the service is 2s. 9d. per hour except where the patient is unable to afford that amount, when the County Council's Scale of Assistance is applied. Home Helps are paid by the County Council and necessary travelling expenses are reimbursed.

Cases needing help should be reported to the Home Help Service, 67, Carlton Road, Worksop, Telephone Worksop 2884, where the Service is administered by a Sub-Organiser assisted by a Case-Worker.

NURSING IN THE HOME.

The names and addresses of the District Nurses residing in the Worksop Rural District are as follows :—

Name.	Address.	Tel. No.	Available for
E. Dyson	8, Scrooby Rd., Bircotes	Tickhill 288	} Harworth and Styrrup
M. Mowforth	8, Scrooby Rd., Bircotes	Tickhill 288	
N. Richardson	36, Devonshire Rd., Harworth	Tickhill 363	
C. E. Walton	16, Markham Rd.,	N. Carlton 258	} Langold Carlton-in- Lindrick Walling- Wells
I. Wright	The Cottage, Carlton- in-Lindrick	N. Carlton 257	
G. Young	The Cottage, Main St., Blyth	Blyth 242	
			} Blyth, Oldcotes, Hodstock

M. Welch	Ten Row, Cuckney	Warsop 176	Nether Langwith Cuckney Welbeck Holbeck Carburton Norton
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Male Nurse—

Mr. K. Moore	83, Ramsden Crescent, Carlton-in-Lindrick	N. Carlton 304	Worksop area
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MATERNITY AND CHILD WELFARE.

The Clinics for both Ante-Natal and Child Welfare are available as follows :—

Harworth, Former Day Nursery Premises, Scrooby Road, Bircotes.

A.N. weekly	Friday	2-0 p.m. to 4-30 p.m.
C.W. weekly	Monday	2-0 p.m. to 4-30 p.m.
weekly	Wednesday	2-0 p.m. to 4-30 p.m.

Langold Temporary School Buildings, Firbeck Crescent.

A.N. fortnightly	Tuesday	2-0 p.m. to 4-30 p.m.
C.W. weekly	Friday	2-0 p.m. to 4-30 p.m.

Blyth Memorial Hall.

A.N. monthly	Tuesday	2-0 p.m. to 4-30 p.m.
C.W. fortnightly	Tuesday	2-0 p.m. to 4-30 p.m.

Carlton-in-Lindrick Village Centre.

A.N. monthly	Wednesday	2-0 p.m. to 4-30 p.m.
C.W. fortnightly	Wednesday	2-0 p.m. to 4-30 p.m.

Cuckney Church Hall.

A.N. monthly	Thursday	2-0 p.m. to 4-30 p.m.
C.W. monthly	Thursday	2-0 p.m. to 4-30 p.m.

County Midwives are also available throughout the District as follows :—

Name.	Address.	Tel. No.	Available for
E. Brown	87, Radford Street, Worksop	—	Carburton Norton
I. Chapman	24, South Parade, Worksop	Worksop 2334	
K. Keywood	76, Rufford Street, Manton New Estate, Worksop	Worksop 3157	Holbeck

E. Saxton	211, Carlton Road, Worksop	—	} Welbeck
I. Oliver	25, George Street, Worksop	Worksop 2437	
F. Lee	10, Sunnyside, Worksop	Worksop 2397	
L. Yates	213, Forest Road, Warsop	Warsop 112	} Cuckney
B. Parker	Netherfield Lane, Church Warsop	Warsop 95	

SCHOOL MEDICAL SERVICES.

School and Dental Clinics are held as given hereunder :—

School Clinics.

Former Day Nursery Premises, Scrooby Road, Bircotes.

Tuesdays 9-30 a.m. to 12 noon.

Fridays 9-30 a.m. to 12 noon.

Medical Officer attends Tuesdays.

Langold Temporary School Buildings, Firbeck Crescent.

Tuesdays 9-30 a.m. to 12 noon.

Fridays 9-30 a.m. to 12 noon.

Medical Officer attends Fridays.

Dental Clinics.

Former Day Nursery Premises, Scrooby Road, Bircotes.

Thursdays 9-30 a.m. to 12 noon.

Thursdays 1-30 p.m. to 4-0 p.m.

†Tuesday, Wednesday

and Thursday 9-30 a.m. to 12 noon.

1-15 p.m. to 3-45 p.m.

By appointment.

†From 16.2.1954.

VENEREAL DISEASES.

The Sheffield Regional Hospital Board is responsible for the control and treatment of Venereal Diseases throughout the area. Special Clinics are available as follows :—

Mansfield—held at Mansfield and District Hospital.

Monday	2-0 p.m. to 4-0 p.m.	Female.
Tuesday	10 a.m. to 12 noon	Male.
	5-0 p.m. to 7-0 p.m.	Male.
Wednesday	5-0 p.m. to 7-0 p.m.	Female.

Workshop—held at Watson Road Clinic.

Wednesday	10 a.m. to 12 noon	Male & Female.
Friday	10 a.m. to 12 noon	Male & Female.

Doncaster—held at the Royal Infirmary.

Monday	9-0 a.m. to 12 noon	Male.
	2-0 p.m. to 4-0 p.m.	Male.
	4-0 p.m. to 7-0 p.m.	Female.
Thursday	9-0 a.m. to 12 noon	Female.
	2-0 p.m. to 4-0 p.m.	Female.
	4-30 p.m. to 7-0 p.m.	Male.
Saturday	9-0 a.m. to 12 noon	By appointment

Gainsborough—held at John Coupland Hospital.

Friday	6-0 p.m. to 7-0 p.m.	Male & Female.
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Sheffield—held at the Royal Infirmary.

Monday	2-0 p.m. to 7-0 p.m.	Female and Children
Thursday	5-0 p.m. to 7-0 p.m.	Male
	5-0 p.m. to 7-0 p.m.	Male, Female & Children

Sheffield—held at the Royal Hospital.

Monday	9-30 a.m. to 12 noon	Male
Tuesday	9-30 a.m. to 12 noon	Female
	4-30 p.m. to 6-30 p.m.	Male
Wednesday	9-30 a.m. to 12 noon	Male
Thursday	9-30 a.m. to 12 noon	Female
Friday	9-30 a.m. to 12 noon	Male
	4-30 p.m. to 6-30 p.m.	Female
Saturday	9-30 a.m. to 12 noon	By appointment

Sheffield—held at the Jessop Hospital.

Tuesday	4-0 p.m. to 6-0 p.m.	Female and Children
Saturday	10 a.m. to 12 noon	By appointment

TABLE III.
CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1953

[illegible]

TABLE IV.

INFECTIOUS DISEASES NOTIFIED MONTH BY MONTH, 1953.

DISEASE	Jan.	Feb.	Mar.	Apl.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pneumonia	-	-	-	6	-	-	-	-	-	-	-	-	6
Scarlet Fever	-	4	-	1	1	1	-	1	1	2	-	-	11
Measles	36	34	26	13	-	-	-	-	-	-	-	-	116
Whooping Cough	-	2	7	11	15	13	-	-	-	-	-	-	55
Poliomyelitis (Paralytic)	-	-	-	$\frac{1}{4}$	-	-	-	-	-	-	-	-	-
Dysentery	-	-	-	1	1	-	-	-	-	-	-	-	2
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebro Spinal Fever	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerperal Pyrexia	-	1	-	-	-	-	-	-	-	-	-	-	1
TOTALS	36	41	33	32	17	14	-	14	2	2	-	-	191

TABLE V.

Tuberculosis 1953

Age Periods in years	New Cases.				Deaths.			
	Pulmonary		Non- Pulmonary		Pulmonary		Non- Pulmonary	
	M	F	M	F	M	F	M	F
0-1	—	—	—	—	—	—	—	—
1-2	—	—	—	—	—	—	—	—
2-3	—	—	—	—	—	—	—	—
3-4	—	—	—	—	—	—	—	—
4-5	—	—	—	1	—	—	—	—
5-10	—	1	—	1	—	—	—	—
10-15	2	—	—	—	—	—	—	—
15-20	2	3	—	—	—	1	1	—
20-35	4	2	—	—	—	1	—	—
35-45	1	—	—	—	—	—	—	—
45-65	1	—	—	—	2	—	—	—
65 and over	—	—	—	—	—	—	—	—
Totals	10	6	—	2	2	2	1	—

PUBLIC HEALTH DEPARTMENT,
COUNCIL OFFICES,
HIGHFIELD HOUSE,
CARLTON ROAD,
WORKSOP.

SANITARY INSPECTION OF THE AREA.

Report made to the Medical Officer of Health, in pursuance of Article 27 of the Sanitary Officer's (Outside London) Regulations, 1935.

C. J. PHILLIPS,
Chief Sanitary Inspector.

I. INFECTIOUS DISEASE.

The home conditions and possible sources of infection of all cases of notifiable infectious diseases have been investigated, following removal of the patient to hospital. The rooms occupied by the patient are fumigated and the householders are given instructions on the cleansing of the houses and effects; disinfectant fluid is supplied by the Council, free of charge, for this purpose.

Eighteen premises were visited throughout the year in connection with infectious diseases, including ten cases of Scarlet Fever, one case of Dysentery and one case of suspected Poliomyelitis.

2. WATER SUPPLIES.

(i) Public Supplies.

The greater part of this district has continued to be supplied from six public sources, only one of these—Blyth Waterworks—being under the direct control of the Worksop Rural District Council. The six public sources are as follows:—

	Source of Supply.	Distribution.	Parishes.
1. Worksop Corporation	Deep boreholes, Sunnyside, Worksop	Gravity Supply, from Reservoir, Peaks Hill, Carlton-in-Lindrick	1. Carlton-in-Lindrick 2. Hodsock 3. Oldcotes
2. Blackwell Rural District Council	Three deep boreholes, Budby	Direct from main at Whaley Thorns from reservoirs at Stoney Houghton	1. Nether Langwith
3. Doncaster & Tickhill Joint Water Board	Three deep boreholes at Austerfield	Gravity supply from reservoir Bawtry	1. Part of Harworth

4. National Coal Board	Deep borehole, South Carr, Harworth	Gravity supply from elevated tank at Harworth	1. Harworth (major part) 2. Styrrup
5. Welbeck Estates	Deep borehole, Carburton	Gravity supply from storage tank at Clumber and Cuckney	1. Carburton 2. Norton 3. Holbeck 4. Welbeck 5. Cuckney
6. Worksop Rural District Council	Deep borehole, Blyth	Gravity supply from storage tank, Blyth	Part of parish of Blyth

In addition to the parish of Blyth, the Rural District Council is the responsible authority for the distribution of the supplies in their area for the parishes of Carlton-in-Lindrick, Hodsock, Styrrup-with-Oldcotes, Nether Langwith and part of Harworth. The National Coal Board undertake distribution of the water to Bircotes Colliery village ; and Welbeck Estates Co. Ltd., is responsible for the parishes of Carburton, Norton, Holbeck, Welbeck and Cuckney.

(a) Bacteriological Examination.

Samples of water from the six public sources were taken regularly throughout the year and the results indicate that, except on one occasion, a high standard of bacterial purity has been maintained.

Seventy-six samples were taken, seventy-two of which proved to be satisfactory, and four unsatisfactory.

In addition to the above ten pre-chlorination samples were taken from the Council's own supply at Blyth, the bacteriological examination reports on nine of which were satisfactory and one unsatisfactory.

The unsatisfactory sample referred to above revealed contamination in the Council's own supply at Blyth. On investigation it was found that surface water had collected in the well at the top of the bore-hole. A small pump is used to remove such water by routine pumping at regular intervals, but on this occasion, after an abnormally heavy fall of rain, the surface water had risen above the level of the top of the bore between the times of operation of the pump.

After removal of the surface water from the well, the degree of chlorination of the supply was increased and the entire distribution system including the storage tank was flushed by continuous pumping and running to waste until satisfactory samples were obtained.

To avoid a recurrence of the pollution by surface water, daily clearance of the well at the top of the bore, which provides an ample margin of safety, is now carried out.

(b) Chemical Analysis.

Twelve samples of water were obtained during the year for chemical analysis from the six public supplies and the following is a copy of the Analyst's reports on six of these samples :—

	Welbeck Estates Private Supply	Blackwell R.D.C. Bulk Supply	Worksop Corporation Supply
	No. 1	No. 2	No. 3
PHYSICAL CHARACTERS.			
Suspended Matter	..... trace	faint trace	very faint trace
Appearance of a column 2-ft. long	clear : colourless	clear : colourless	clear : colourless
Taste	..... normal	normal	normal
Odour	..... none	none	none
CHEMICAL EXAMINATION.			
	Parts per Million		
Total Solids dried at 180°C	380.0	350.0	730.0
Chlorides in terms of Chlorine	33.0	84.0	100.0
Equivalent to Sodium Chloride	54.4	138.5	164.9
Nitrites	none	none	none
Nitrates as Nitrogen	7.00	4.00	16.00
Poisonous Metals (Lead, etc.)	none	none	none
Total Hardness	227.0	239.0	179.0
Temporary Hardness	117.0	102.0	179.0
Permanent Hardness	110.0	137.0	—
Oxygen Absorbed in 4 hours at 80°F	0.35	0.47	0.38
Ammoniacal Nitrogen	0.004	0.004	0.008
Albuminoid Nitrogen	0.032	0.042	0.032
Free Chlorine	none	none	none
Sodium Bicarbonate as NaHCO ₃	—	—	84.0
pH Value	8.1	7.9	8.0

PHYSICAL CHARACTERS.

	Worksop R.D.C. Bulk Supply	N.C.B. Bulk Supply Harworth Colliery	Doncaster & Tickhill Joint Water Board Public Supply
	No. 4	No. 5	No. 6
Suspended Matter	none	none	none
Appearance of a column 2-ft. long	clear :	clear :	clear :
Taste	normal	normal	normal
Odour	none	none	none

CHEMICAL EXAMINATION.

Parts per Million.

Total Solids dried at 180oC	390.0	320.0	220.0
Chlorides in terms of Chlorine	35.0	35.5	19.0
Equivalent to Sodium Chloride	57.7	58.5	31.3
Nitrites	none	none	none
Nitrates as Nitrogen	14.00	8.00	4.00
Poisonous Metals (Lead, etc.)	none	none	none
Total Hardness	314.0	227.0	169.0
Temporary Hardness	188.0	127.0	142.0
Permanent Hardness	126.0	100.0	27.0
Oxygen Absorbed in 4 hours at 80oF	0.42	0.41	0.28
Aminoniacal Nitrogen	0.004	0.004	0.004
Albuminoid Nitrogen	0.040	0.024	0.016
Free Chlorine	none	none	none
pH Value	8.1	8.0	8.0

The water supplied through existing water mains has been sufficient in all parts of the district throughout the year.

(ii) Private Supplies.

Twelve samples of water were taken from private supplies and submitted to bacteriological examination during the year. The reports on nine of these samples were satisfactory and three unsatisfactory.

The following action was taken with regard to the unsatisfactory samples :—

Bungalows known as “ Glencoe,” “ Enfield,” “ Burn Brae,” “ Overdale,” and “ Tel Aviv,” Bawtry Road, Blyth.

The bacteriological examination reports on two samples of water from the shallow wells supplying these bungalows indicated that the water was unsatisfactory for drinking purposes. Pending the laying of a piped supply of water to all the bungalows in this vicinity as provided for in the Blyth Water Supply Scheme, the occupants of the bungalows were advised to boil all water obtained from the shallow wells before use for drinking and other domestic purposes.

Later in the year when many of the wells in this area dried out, an emergency supply of water was provided by the Council by means of a water tank placed in a position accessible to the residents and replenished when necessary from the Council's existing water supply in Blyth.

Four Cottages, Main Street, Oldcotes.

Faecal coli were isolated in a sample of water taken from a shallow well supplying four cottages, occupied by Messrs. Radley, Winn, Taylor and Gresham, Main Street, Oldcotes. The use of the well was discontinued and a piped supply of water has been provided by the owner for each of the cottages from the Council's water main.

Water Main Extensions.

One hundred and twenty-two additional houses have been supplied with water from the public mains, either in substitution for unsatisfactory existing supplies or to new houses.

Seven water main extensions were carried out during the year, as follows :—

- (1) A 3-in. cast iron water main extended for a distance of 460 yards to supply houses in course of erection by the Council in Ramsden Crescent, Carlton-in-Lindrick.
- (2) A 3-in. cast iron water main extended for a distance of 48 yards in Beckett Avenue, Carlton-in-Lindrick, to supply houses erected by the Council.
- (3) A 3-in. cast iron water main extended for a distance of 81 yards in Ingham Road, Bawtry, to supply houses in course of erection by private enterprise.
- (4) A 3-in. cast iron water main extended for a distance of 498 yards in Amanda Road, Windermere Avenue and Cambridge Road in the Parish of Harworth, to supply houses in course of erection by the Council.

- (5) A private water main extended by the Council in 3-in. cast iron pipes for a distance of 57 yards in Cuckney to supply eight houses in course of erection by the Council for the Air Ministry.
- (6) A 3-in. cast iron water main extended for a distance of 1,019 yards to supply 156 houses in course of erection by the Coal Industry Housing Association on a site off Long Lane, Carlton-in-Lindrick. The work was carried out by contract.
- (7) The laying of the water mains in connection with the Water Supply Scheme at Blyth was commenced and by the end of the year 1,084 yards of 4-in. cast iron water main had been laid by the contractors.

Except where otherwise stated the whole of the above work was carried out by direct labour.

Water Supply Scheme, Blyth.

I am very pleased to report that some positive progress was made during the year towards the provision of a public supply of water to the Nornay area of the Parish of Blyth.

The contract for the laying of cast iron water mains of 3-in. and 4-in. diameter was let, and the appointed contractor commenced work in October on the construction of 1,250 yards of 4-in. and 1,160 yards of 3-in. cast iron mains. By the end of the year the work was well forward and some of the premises in Nornay were being supplied with water direct from the public source.

During the month of July the shallow wells serving many of the bungalows at Nornay failed to supply water and the Council decided to introduce a scheme in the emergency by transporting water in a 600 gallons tank.

The tank was filled from the public main as and when required and delivered to a central site from which the tenants obtained their supplies. A charge of 8d. per week was made for all occupiers of premises who took advantage of the arrangement.

3. DRAINAGE AND SEWERAGE.

Sewer Extensions.

The following extensions of foul and surface water sewers were completed during the year :—

- (1) 731 yards of 6-in. foul sewer in earthenware pipes were laid to serve the houses erected by the Council in Ramsden Crescent and Queens Road, Carlton-in-Lindrick. 657 yards of 6-in. surface water sewers were also laid on this site.
- (2) 96 yards of 9-in. and 713 yards of 6-in. foul sewer in earthenware pipes together with 138 yards of 9-in. and 353 yards of 6-in. surface water sewer, were laid to serve houses in course of erection by the Council in Amanda Road, Harworth.
- (3) The sewers in Long Lane, Carlton-in-Lindrick, were also extended to serve houses in course of erection by the Coal Industry Housing Association, 203 yards of 9-in. foul sewer and 103 yards of 12-in. surface water, in earthenware pipes, being laid.

The whole of the above works was carried out by contract.

- (4) 357 yards of 9-in. and 1,296 yards of 6-in. foul sewer, and 38 yards of 12-in., 440 yards of 9-in., and 1,509 yards of 6-in. surface water sewer were also laid by the Coal Industry Housing Association on the site of 156 houses in course of erection in Carlton-in-Lindrick.

Norton and Cuckney Sewerage and Sewage Disposal Scheme.

No progress was made during the year in connection with the proposed scheme for the provision of sewage disposal works and sewers to serve the villages of Norton and Cuckney.

The proposed scheme prepared by the Consulting Engineers, Messrs. Silcock and Simpson, has been approved in principle by the Ministry but the work was not regarded as of sufficient urgency to award a starting date.

Blyth Sewerage and Sewage Disposal Scheme.

With the progress made for the provision of adequate water supplies to serve the village of Blyth, the question of sewage disposal in the parish assumed greater importance.

The existing arrangements for the disposal of sewage in this village are bad by any standard, and it was on account of these deplorable conditions the Council decided during last year that, their Clerk, Medical Officer of Health and Surveyor should interview Ministry Officials at Whitehall to press for a very early starting date.

These discussions did not meet with any immediate success but we are hopeful that on the allocation expenditure to be incurred on public works for the year 1954 the Ministry will not leave unheeded the plan made for the commencement of the works in the Parish of Blyth that are regarded as of the utmost urgency.

Harworth Sewage Disposal Works.

For many months the quality of the final effluent from Harworth Sewage Disposal Works has given cause for concern.

The works were originally designed to deal with a dry weather flow of 180,000 gallons and on the flow being gauged some time ago it was calculated that the average daily quantity of sewage requiring treatment at the works had increased to 226,300 gallons.

This increase in the volume of sewage is as a result of the rather extensive housing development in the parish, and, to a lesser extent, the discharge of trade waste from the Glass Bulbs Factory.

It will be realised from the figures quoted in the penultimate paragraph that the works are now overloaded and in consequence there has been a serious deterioration in the quality of the final effluent resulting in adverse reports by the Trent Rivers Board Inspectors.

The Council's Consulting Engineers, Messrs. Silcock and Simpson, have been called in to consider the problem and advise on the necessary extensions to works to ensure adequate treatment of an anticipated flow of 300,000 gallons per day. This anticipated flow makes provision for future residential development and additional trade waste.

4. CLOSET CONVERSIONS.

The Council continued to approve a grant, to owners of dwelling-houses of 50% of the total cost, but not exceeding £10 per dwelling-house, towards the cost of converting sanitary conveniences of the conservancy type to water closets, where application was made and a contribution recommended under Section 47 of the Public Health Act, 1936.

Twelve cases were approved for contributions towards the costs of conversions during the year.

Thirteen conversions were completed during the year—three in the parish of Carlton-in-Lindrick, four in the parish of Carburton, and six in the parish of Norton.

5. PUBLIC CLEANSING.

Scavenging services were operated by direct labour throughout the district.

The service consisted of the weekly emptying of dustbins and pail closets, and the cleansing of privies and ashpits every six weeks.

The number and type of these receptacles is as follows :—

Dustbins	.....	.....	.....	.....	.....	4,282
Pail Closets	.....	.....	.....	.....	.....	418
Privy Middens	.....	.....	.....	.....	.....	201
Ashpits	.....	.....	.....	.....	.....	91

Controlled tipping was carried out as far as possible.

Periodic inspections were made and routine treatment of refuse tips was carried out to prevent nuisance from rats, etc.

The Council maintained and operated one Commer, two Austin and one Karrier Bantam refuse collection vehicles during the year. Nineteen men were employed on an average throughout the year on refuse collection and disposal.

The following work was carried out by the Cleansing Department during the year :—

Population served in all parishes	.....	.....	.....	17,380
Total number of premises given regular service	.....	.....	.....	4,498
Total number of dustbins emptied during the year	.....	.....	.....	238,014
Total number of pail closets emptied during the year	.....	.....	.....	26,707
Total number of ashpits emptied during the year	.....	.....	.....	639
Total number of privy middens emptied during the year	.....	.....	.....	1,464
Mileage travelled by the the four vehicles	.....	.....	.....	37,373
Cost of operation of the cleansing service by direct labour for the year ended 31/3/54	.....	.....	.....	£8,774
				(including £600 lorry reserve fund)
Cost of operation of the cleansing service by direct labour for the year ended 31/3/53	.....	.....	.....	£8,470
				(including £600 lorry reserve fund)

Street Cleansing.

One man only continued to be engaged on street cleansing in the Colliery villages of Langold and Bircotes in the Parishes of Hodsock and Harworth.

Salvage.

The scheme for the collection and disposal of waste paper, which was re-introduced during 1951 following urgent appeals from the Paper Mills, was discontinued during 1953 owing to the difficulty of disposing of this type of salvage, limited storage facilities, and the low prices obtainable at that time.

A total of 14 tons 9 cwts. of waste paper was sold during the year for £78 15s. 6d.

6. INFESTATION.

(a) Vermin—Bed Bugs.

Four cases of infestation of bed bugs came to the notice of the Department during the year, all of which were in Colliery houses, two in the Parish of Harworth and two in the Parish of Hodsock.

The treatment consisted of the removal of all picture rails, skirting boards, architraves, etc., in the infested rooms, followed by thorough spraying with insecticide containing D.D.T., repeated until complete disinfestation was achieved.

(b) Rodent Control.

One of the Council's labourers, who has had a course of training in rodent control, is engaged on this work as and when necessary.

Routine treatment of all refuse tips, sewerage works, and other lands and premises owned or occupied by the Council continued to be carried out throughout the year.

The Council continued to carry out disinfestation work, free of charge, for the occupiers of dwellinghouses provided that full co-operation in carrying out the work is secured. A charge of 5/- per hour is made in respect of business and agricultural premises. Most of the farms in the district are under contract for rat destruction by the Pest Control Department of the County Agricultural Executive Committee.

During the year 116 minor and 4 major infestations were dealt with, 79 of these were in connection with dwellinghouses.

Sewer Treatment.

The usual twice yearly treatment of the main sewerage systems in the Parishes of Hodsock, Carlton-in-Lindrick and Harworth was carried out. 189 man-holes were test baited and minor infestations were revealed in certain sections of the sewers; these were subsequently dealt with with satisfactory results.

7. MILK SUPPLIES.

The number of registrations and inspections under the Milk and Dairies Regulations, 1949, was as follows :—

	Distributors	Dairies
No. on Register at end of year	16	3
No. of inspections during the year	39	11
No. of defects or unsatisfactory conditions found	3	—
No. of defects of unsatisfactory conditions remedied	3	—

Milk (Special Designation) (Pasteurised and Sterilised Milk) Regulations, 1949.

No. of licences in operation at the end of the year for the sale of :—

(a) Pasteurised milk	11
(b) Sterilised milk	12

Milk (Special Designation) (Raw Milk) Regulations, 1949.

No. of licences in operation at the end of the year for the sale of :—

(a) Tuberculin Tested milk	10
(b) Accredited milk	Nil

Samples of Milk.

During the year twenty-three samples of pasteurised milk were taken and submitted to the Public Health Laboratory for the tests prescribed by the Regulations. Twenty-one samples satisfied the standard demanded for pasteurised milk, the remaining two samples proved to be unsatisfactory; these two unsatisfactory samples were taken from two dealers obtaining their milk supplies from the same source outside the district. The Local Authority of the district concerned was informed and further samples proved to be satisfactory.

Thirteen samples of sterilised milk were also taken. The report on each of these samples was satisfactory.

8. MEAT AND OTHER FOOD.

The slaughter and preparation of all animals intended for human consumption and sale in the Worksop Rural District continued to be carried out at the Central Abbatoir at East Retford.

Private Slaughterhouses.

The slaughter of pigs on behalf of domestic pig keepers was carried out mainly in private slaughterhouses.

Licences were issued by the Council in respect of eight private slaughterhouses for the year 1953.

Licences to slaughter or stun animals were renewed in respect of twenty-four slaughtermen.

Inspection.

Meat.

Inspection of Meat on Retail Sale :—

Total No. of inspections of shops, stalls, vehicles or places where meat is retailed	48
No. of unsatisfactory conditions found	2
No. of unsatisfactory conditions remedied	2

Other Foods.

No. of inspections of shops, stalls, vehicles, and places where food is prepared	72
No. of defects or unsatisfactory conditions found	36
No. of defects or unsatisfactory conditions remedied	30

Particulars of foods (other than meat) surrendered or seized during the year :—

Nature of Foods Condemned.				Reason for Condemnation.	Weight (in lbs.)
Meat	.....	.....	.....	Containers blown pierced or crushed	114 tins
Fruit	.....	.....	.....	do.	339 tins
Tomatoes	.....	.....	.....	do.	108 tins
Vegetables	.....	.....	.....	do.	46 tins
Fish	.....	.....	.....	do.	11 tins

Milk	.....	.....	.....	do.	56 tins
Soup	.....	.....	.....	do.	7 tins
Mincemeat	.....	.....	.....	do.	2 tins
Fruit	.....	.....	.....	Glass containers broken or defective seals	13 jars
Jam	.....	.....	.....	do.	11 jars
Marmalade	.....	.....	.....	do.	7 jars
Honey	.....	.....	.....	do.	1 jar
Lemon Curd	.....	.....	.....	do.	3 jars
Pickles and Vegetables	.....	.....	.....	do.	3 jars
Mincemeat	.....	.....	.....	do.	4 jars
Prunes	.....	.....	.....	Mould formation	39 lbs.
Christmas Puddings	.....	.....	.....	do.	4
Butter	.....	.....	.....	Rancid	7½ lbs.
Flour	.....	.....	.....	Affected by damp storage conditions	48 lbs.
Sausage	.....	.....	.....	Decomposition commenced	368 lbs.
Cooked Ham	.....	.....	.....	do.	3½ lbs.
Cheese	.....	.....	.....	do.	10 lbs.

9. ICE CREAM.

Seventeen shops and three cafes were on the register for the storage and sale of ice cream, in accordance with the provisions of the Food & Drugs Act, 1938. No ice cream was manufactured in the district, the supplies being received by the vendors, already wrapped, from manufacturers where premises are outside the Worksop Rural District.

Twenty-six samples of ice cream were taken and submitted to the Public Health Laboratory for bacteriological examination and grading. Ten of the samples were classified Grade I, fourteen Grade II and two Grade III.

10 HOUSING.

Overcrowding—Housing Act, 1936.

Number of dwellings overcrowded at the end of the
year

Number of families dwelling therein	.....	.....	10
Number of persons dwelling therein	.....	.....	62
Number of new cases of overcrowding reported during the year	.....	.....	5
Number of cases of overcrowding relieved during the year	.....	.....	4
Number of persons concerned in such cases	.....	.....	32

Inspection of Dwellinghouses.

Inspections of dwellinghouses were made under the Public Health and Housing Acts, and informal notices served in order to secure the carrying out of repairs considered to be urgently necessary.

Details of inspections are as follows :—

Total number of houses inspected	.....	.....	171
Number of inspections made for the purpose	.....	.....	259
Number of informal notices served to enforce minimum repairs	.....	.....	61
Number of notices complied with	.....	.....	52

Action under Statutory Powers.

Number of statutory notices served during the year	.....	.....	14
Number of statutory notices complied with during the year	.....	.....	8

Squatters.

The huts on three ex-R.A.F. dispersal sites in the parish of Harworth remained occupied during the year, and at the 31st December, 1953, 28 families were still in occupation. This figure represents a decrease of two families only during a period of twelve months.

These huts, which were never designed or intended to be used as a means of habitation were adapted for living accommodation in 1948, and are now in a most unsatisfactory condition. It is virtually impossible to maintain the structure in a weatherproof state, and they must be regarded as sub-standard accommodation of the worst type.

After several years use by the R.A.F. and a further six years of continuous occupation by "squatters" steps should now be taken to provide alternative accommodation for all families so inadequately housed, and the huts demolished, and the sites cleared.

Moveable Dwellings.

During the year the Council granted two licences under Section 269 of the Public Health Act, 1936, (1) to use a site in the parish of Blyth for caravans for the period 1st March to the 31st October of each year, and (2) to station and use a caravan on a site also in the parish of Blyth for a limited period.

Requisition of Dwellinghouses.

By the end of the year the Council no longer had any dwellinghouses under requisition.

New Houses.

A total of 60 houses were completed by the Council, and occupied, during 1953, as follows :—

PARISH OF BLYTH.

6 Traditional type houses.

PARISH OF CARLTON-IN-LINDRICK.

52 Traditional type houses.

PARISH OF HARWORTH.

2 Traditional type houses.

The following is a summary of the Council's post-war construction programme at the 31st December, 1953 :—

		Aluminium					Total
		Tradi- tional	Swedish Timber	Bungalows Temp.	Perm.	Aireys	
Houses completed by contract for Local Authority .....	.....	376	8	40	40	82	546
Houses completed by Small Builders' Scheme	28	—	—	—	—	—	28
Houses under construction by contract for Local Authority .....	.....	128	—	—	—	—	128
Houses constructed by private enterprise :—							
Houses completed and occupied by 31/12/53	†88	—	—	—	—	—	†88

†Includes 27 " Wimpey " houses constructed for the Coal Industry Housing Association.

Houses in course of construction*138	—	—	—	*138
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*Includes 129 “ Wimpey ” houses in course of erection for the Coal Industry Housing Association.

II. SANITARY INSPECTION OF THE AREA—SUMMARY.

Housing (including investigation of home conditions of applicants for Council houses) .....	.....	.....	.....	.....	303
Caravans and other temporary structures .....	.....	.....	.....	.....	13
Overcrowding .....	.....	.....	.....	.....	11
Verminous houses .....	.....	.....	.....	.....	12
Infectious disease .....	.....	.....	.....	.....	32
Fumigation .....	.....	.....	.....	.....	21
Rodent Control .....	.....	.....	.....	.....	164
Meat and Other Food .....	.....	.....	.....	.....	120
Milk distributors, Dairies, Samples, etc. ....	.....	.....	.....	.....	87
Water supplies, samples and investigations .....	.....	.....	.....	.....	156
Ice cream, samples and investigations .....	.....	.....	.....	.....	35
Conversions .....	.....	.....	.....	.....	20
Drainage, sanitary accommodation, etc. ....	.....	.....	.....	.....	114
Factories .....	.....	.....	.....	.....	24
Public Cleansing .....	.....	.....	.....	.....	89
Miscellaneous .....	.....	.....	.....	.....	107
Re-inspections .....	.....	.....	.....	.....	370
Total					<u>1678</u>

Informal Action.

Total number of complaints received or recorded .....	.....	41
Total number of informal notices served during the year .....	.....	88
Total number of informal notices complied with .....	.....	81
Outstanding at the end of the year .....	.....	7

